

ABSTRACT OF THE DISCLOSURE

In an ATM switch, a correspondence between shapers which compose a shaper section and an output circuit(s) is not set up in an initial condition. At the time of a connection set-up, a connection control section interrogates a shaper/circuit control section about a corresponding relationship between the shaper(s) and the output circuit(s). In the case where a shaper(s) corresponding to an assigned circuit number is registered in a shaper/circuit-related table in the shaper/circuit control section, the shaper(s) is chosen. On the other hand, in the case where a shaper(s) is not registered in the table, after a new shaper(s) is registered in the table, a correspondence between the assigned circuit number and the shaper(s) is set up to the shaper section and a circuit interface section, and the corresponding shaper(s) is chosen.